20081118.ba v04_n224.bam.20081118

>From ???@??? Tue Nov 18 13:01:36 2008 -0600
Date: Tue, 18 Nov 2008 13:00:33 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4224
Message-Id: <20081118175828.BC54610B235@srvr1.theporch.com>

# BOATANCHORS Digest 4224

Topics covered in this issue include:

1) Re: Crazy Audio Prices - was: Monster Speaker Wire
by Richard Loken <richardlo@admin.athabascau.ca>
2) Re: Monster Speaker Wire
by "w7fe" <w7fe@cox.net>
3) Re: Crazy Audio Prices - was: Monster Speaker Wire
by "Arden Allen" <gumbear@pacbell.net>
4) Re: Monster Speaker Wire
by AAFRadio <mike_25-z@aafradio.org>
5) Re: Monster Speaker Wire
by "Paul Christensen" <w9ac@arrl.net>
6) S118
by "Guido Santacana" <laffitte@prtc.net>
7) kwm-2 from hades
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
8) FS: Unique Drake Service Supplement CDs
by Garey Barrell <k4oah@mindspring.com>
9) Re: Home Brew Filament Wiring
by "JAMES HANLON" <knjhanlon@msn.com>
10) Re: Home Brew Filament Wiring
by "Arden Allen" <gumbear@pacbell.net>
11) RAC Bulletin 2008-029E : Amateurs on 600 Metres
by "Ed Sieb" <esieb@sympatico.ca>
12) FS: Drake 2-B manual copies
by "Comarow, Avery" <ACOMAROW@usnews.com>
13) FS: manual copy, Hallicrafters TO keyer
by "Comarow, Avery" <ACOMAROW@usnews.com>
14) MRHS Special Event 11/21-22
by Richard Dillman <ddillman@igc.org>
15) RD on KWMR 11/19
by Richard Dillman <ddillman@igc.org>
16) Bird Wattmeter Slug for Trade
by "David Stinson" <arc5@ix.netcom.com>
17) Someone needing a DPDT relay with 120 AC keying.
by "Ken" <n5cm@rtconline.com>
18) Monster speaker cable

by John Sehring <wb0eq@yahoo.com>

---

Date: Thu, 13 Nov 2008 11:55:04 -0700 (MST)
From: Richard Loken <richardlo@admin.athabascau.ca>
Subject: Re: Crazy Audio Prices - was: Monster Speaker Wire
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Thu, 13 Nov 2008, Christopher Best wrote:

> --- On Thu, 11/13/08, Arden Allen <gumbear@pacbell.net> wrote:

> One thing different though:  As ham wannabes CBers
> > didn't have any money to
> > take away from them.  Audiophools can't wait to throw
> > there's away...

>     I can't complain about Audiophools, as I sold 4 1960's vintage 300Bs
> and was able to pay for Summer semester of college and set of 4 tires for
> my car a few years back.  I am currently in process of collecting parts to

I sold my my McIntosh MC225 and MX110 for US$800.00 back in 1993.  That
old girl had an elegance and a simplicity that I have found no where else
since.  Did it have a superior sound stage and blah blah blah?  I have no
idea but it sounded very nice and I could fix it with my feet.

I still regret selling the McIntosh, I miss watching the tubes glow in the
dark...  Not that there is any shortage of tube gear around here.

Oh yeah, I fed a pair of 12" Goodmans triaxial speakers in full size reflex
enclosures and I was very fond of them too.  I am not interested in any
pontifications on how a stack of modern polypropylene 6" woofers in a tree
trunk shaped column will outperform my 1970 vintage speakers either - my
57 year old ears are not up to the challange.

```
--
   Richard Loken VE6BSV, Unix System Administrator : "Anybody can be a father
   Athabasca University                            :  but you have to earn
   Athabasca, Alberta Canada                       :  the title of 'daddy'"
   ** richardlo@admin.athabascau.ca **             :  - Lynn Johnston
```

---

Message-ID: <002201c945db$5be18330$0201a8c0@your5b403cd0e7>
From: "w7fe" <w7fe@cox.net>
To: Old Tube Radios <boatanchors@theporch.com>

```
Subject: Re: Monster Speaker Wire
Date: Thu, 13 Nov 2008 15:01:19 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="UTF-8";
     reply-type=original
Content-Transfer-Encoding: 8bit

Don't forget Hams vs. HOA's.

/w7fe
----- Original Message -----
From: <spr@earthlink.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, November 13, 2008 10:57 AM
Subject: RE: Monster Speaker Wire


...dn then ther's this:

1950s: Hams vs TV watchers, especially in weak signal areas.

6 meters was simply *not* a possible band where I grew up, since the CBS TV
affiliate was channel 2 and was 90 miles away.

/scott

-----Original Message-----
>From: Jack Harper <jharper@frobenius.com>
>Sent: Nov 13, 2008 8:02 AM
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: RE: Monster Speaker Wire
>
>Some things simply don't change, do they:
>
>1960's:   Hams  -vs-  CBers
>2000's:   Hams  -vs-  Audiophools
>
>Just an observation (for those old enough to remember)   :)
>
>Regards to the List,
>
>Jack, W√òYJ  ("Friend to all things Hammarlund")
>Evergreen, Colorado
>
>
>
```

```
>At 08:15 AM 11/13/2008, you wrote:
>>In a word, yes, at least more or less.  Do the physics...
>
>
>
>

------------------------------
Message-ID: <002e01c945df$76cd0120$6d9d480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Crazy Audio Prices - was: Monster Speaker Wire
Date: Thu, 13 Nov 2008 14:22:44 -0800
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> .....Not because tubes are magically better, but for the fact that what
good is it to listen to music if you can't die in the process.

Not much of an amp if you have to stick your head inside the chassis to hear
the music ;-)

Arden Allen
KB6NAX

------------------------------
Message-ID: <491CAFD1.20008@aafradio.org>
Date: Thu, 13 Nov 2008 17:53:05 -0500
From: AAFRadio <mike_25-z@aafradio.org>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Monster Speaker Wire
Content-Type: text/plain; charset=UTF-8; format=flowed
Content-Transfer-Encoding: 7bit

spr@earthlink.net wrote:
> First, for those who don't know me, I do (rational) audio equipment design for a
living.
>
> Scott

It's incredibly refreshing to find an engineer who is such a real
professional about his trade.  I've played violin and viola in symphony
orchestras and chamber groups over many years, and as a result have been
able to calibrate my audio acquisitions and constructs over decades of
time to the real world of live music - an essential activity I find
```

surprisingly lacking in many of the advocates of the high priced stuff. I still go to high end audio places around the Washington DC area every year or so to see the latest fads or what is considered the best of breed, but I'm not convinced the engineers and physicists back in the 50's and 60s had it too far wrong - at least for the program material I normally listen to.  I still haven't found a speaker/cabinet design that sounds as close to the concert hall as my home made Jensen Imperial horns *for the type of program material I play most often*.   The only problem is that they don't fit into a bookshelf  - they're slightly larger than a double door refrigerator...http://aafradio.org/audio/Jensen_G-610_triaxial.html has a photo of the left channel.  Scott is right on about the cable resistance affecting transient response, and to an extent, phase linearity (at least with the pair of highly modified Dynaco Mark III amps I'm using) - I tried #16 zip cord for my first installation and finally settled on plain old #12 NM-B house wire as best hitting the low freq knee of the bell shaped curve using double blind techniques - this is with 16 ohm speakers.  Out of 40 years of pursuing this kind of dream, I can't emphasize enough the need to do such comparison testing with *your* equipment, speakers, environment, and *ears*, since the variables from those parts of the system usually far outweigh the effects of "oxygen free copper" and other such fourth order nonsense.

73,
Mike  KC4TOS

---

Message-ID: <DC0FF4733B9B45C0BA180C4CC70C76D3@office>
From: "Paul Christensen" <w9ac@arrl.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Monster Speaker Wire
Date: Thu, 13 Nov 2008 18:04:37 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="UTF-8";
     reply-type=response
Content-Transfer-Encoding: 7bit

> amps I'm using) - I tried #16 zip cord for my first installation and
> finally settled on plain old #12 NM-B house wire as best hitting the low
> freq knee of the bell shaped curve using double blind techniques - this is
> with 16 ohm speakers.

For Hi-Fi speaker distribution, it's hard to beat the cost v. performance ratio of Romex electrical cabling.  Around the home, I am using AWG 10/3 w/ GND.  This creates a total of four conductors in one Romex jacket.  I then break out two of the four conducts and either use heat-shrink tubing or low-voltage rectangular conduit along walls.

In order to take advantage of an amp's damping factor, it's important to use low resistance cabling between the amp and speaker driver, especially in order to maintain good low-frequency transient response.  But that's where it ends for me.  No "oxygen free copper," no ultra-fine braiding, and no "skin effect" concerns here.  Just give me low resistance copper in any format available.

Paul, W9AC

```
------------------------------
Message-ID: <003c01c945ef$499372b0$4000000a@CPQ10443900021>
From: "Guido Santacana" <laffitte@prtc.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: S118
Date: Thu, 13 Nov 2008 20:23:58 -0400
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_0039_01C945CD.C1F6D0C0"

This is a multi-part message in MIME format.

------=_NextPart_000_0039_01C945CD.C1F6D0C0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
```

Gents,

  A good friend of mine who is also a ham and quasi BA collector =
recently acquired a Hallicrafters S118. He is restoring the set but =
needs the front panel that is really the narrow metal panel with the =
lettering. The former owner painted the panel a nice navy gray. Anyone =
got a parts set?

Best 73s
Guido KP4FAR

```
------=_NextPart_000_0039_01C945CD.C1F6D0C0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---             *
*     This post contains a forbidden message format        *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT    *
* If your postings display this message your mail program *
```

* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

------=_NextPart_000_0039_01C945CD.C1F6D0C0--

------------------------------
Date: Fri, 14 Nov 2008 09:06:17 -0500 (EST)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200811141406.mAEE6HRH002905@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: kwm-2 from hades

Hey folks @ the boat ancorage

Said KWM-2's prior owner was high rank army & think it's a FRC-93.
Rig's got a front panel putton that's reportedly for fsk, not afsk
centering.

Some extensive alterations involving a pair of pots are under top cover,
dual HC-6/u wire-mnt xtals, etc. are underneath.

Parts for said alterations, ie. brackets, look like p/o somebody's
production kit.

Anyone ever see such a gizmo-ed KWM-2?  Or, better, have plans/dwg.s
for such.

Tnx

Marty aka aa4rm

------------------------------
Message-ID: <491D8F62.8080103@mindspring.com>
Date: Fri, 14 Nov 2008 09:46:58 -0500
From: Garey Barrell <k4oah@mindspring.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Unique Drake Service Supplement CDs
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Unique supplemental service information CDs available for the Drake
TR-4, TR-4C/Cw/CwRIT, B and C Lines and the 2-B receiver.

These CDs are NOT just scans of the original manuals that were included
with the equipment when new.

While high resolution scans of the original manuals ARE on the CDs, what they really offer is high resolution color photos of the under chassis and individual PC boards of each unit with all parts identified and keyed to a parts list.  This information is not available elsewhere and really makes a difference in servicing these units.  Samples of these pages (at reduced resolution) and purchase information are at <www.k4oah.com>.

--
73, Garey - K4OAH
Glen Allen, VA

------------------------------
Message-ID: <BAY110-DS3DF432AB75607A8252E97A0160@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Home Brew Filament Wiring
Date: Fri, 14 Nov 2008 09:19:35 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_0078_01C9463A.1F049010"

This is a multi-part message in MIME format.

------=_NextPart_000_0078_01C9463A.1F049010
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Back in the '30's, Jim Millen argued that the best way to avoid hum in a =
receiver was to outboard the power supply from the receiver chassis.  =
That's why the HRO series did not include a built-in power supply all =
the way through the HRO-7.  The early Super Pro's also used outboard =
power supplies.

Jim, W8KGI
------=_NextPart_000_0078_01C9463A.1F049010
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---             *
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*  (such as an attached file, a v-card, HTML formatting)   *
*    Mail Lists at theporch.com only accept PLAIN TEXT     *
```

* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

------=_NextPart_000_0078_01C9463A.1F049010--

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Message-ID: <002b01c9468f$b417b510$6b9e480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Home Brew Filament Wiring
Date: Fri, 14 Nov 2008 11:13:15 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> Back in the '30's, Jim Millen argued that the best way to avoid hum in a
receiver was to outboard the power supply from the receiver chassis. That's
why the HRO series did not include a built-in power supply all the way
through the HRO-7. The early Super Pro's also used outboard power supplies.
...

I can imagine, knowing how humans work in the technical-social environment, that when push to market comes to shove, certain "rules" are established to cover for the mistakes and oversight a design suffers from in the rush to production. It's a particularly glaring problem in today's audiophoolery products, rank crap that has to be made "just so."

Arden Allen
KB6NAX

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From: "Ed Sieb" <esieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RAC Bulletin 2008-029E : Amateurs on 600 Metres
Date: Fri, 14 Nov 2008 22:21:21 -0500
Message-ID: <DPEPKIIGNLCKIBANEOBGCEBLCPAA.esieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

[RAC-Bulletin] RAC Bulletin 2008-029E : Amateurs on 600 Metres

November 10, 2008

Amateurs on 600 Metres

Industry Canada has accepted an RAC proposal whereby selected Canadian radio amateurs would be permitted to operate in the vicinity of 500 kHz.

These amateur operations would support Canada's efforts to action a proposal on the agenda of the 2011 World Radio Conference (WRC2011) which, if adopted, would create an amateur allocation in the 600-meter band.

Industry Canada have authorized RAC to recommend amateurs who would be licensed to operate in the 504 to 509 kHz band with a maximum power of 20 watts ERP and bandwidth up to 1 kHz. Stations operating in this band would be technically operating under Special Developmental Licenses although they would all be radio amateurs. Distinct call signs would be used and the licenses would be renewable annually subject to the amateur demonstrating the research he has carried out.

More information will follow shortly in the pages of TCA or via subsequent bulletins.

--

Vernon Erle Ikeda - VE2MBS
RÈdacteur de service des nouvelles RAC.
RAC News Bulletin Editor

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Sent by the RAC Bulletins from RACHQ mailing list robot.
Send comments to: rachq@rac.ca
For more information about the email robot, please visit:
http://rac.eton.ca/racbullemail.htm

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Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----_=_NextPart_001_01C94766.7D3B1D39"
Subject: FS: Drake 2-B manual copies
Date: Sat, 15 Nov 2008 16:09:47 -0500
Message-ID: <5DB55C95EDBFFA4383CE672594D7E0D204A890E0@EXCHANGE.usn.root.ent>
From: "Comarow, Avery" <ACOMAROW@usnews.com>
To: Old Tube Radios <boatanchors@theporch.com>

This is a multi-part message in MIME format.

------_=_NextPart_001_01C94766.7D3B1D39
Content-Type: text/plain;
```

```
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

A thousand years ago when I had a 2-B I made a couple of copies of the =
manual for marking up. I never used them and no longer have the 2-B. One =
has fewer pages because I copied on both sides; the other is one side =
only. Both have the foldout schematic.
=20
I also have the one-page sheet for the 2-AC crystal calibrator and four =
pages of notes about various matters such as correcting muting failure =
in the 2-A and 2-B.
=20
I have one copy (not an original) of the brochure Drake put out for the =
2-B and of a one-page ad that ran at Christmas featuring the 2-B and =
TR-2 transceiver.
=20
Finally, I have two copies of a 2004 one-page Drake calendar from =
Universal Radio on glossy stock.
=20
If anybody wants any of this material, the 2-B manual copies are $5 =
postpaid. First buyer gets the 2-B brochure, Christmas ad, and one of =
the calendars for free. Second buyer gets just the calendar.
=20
I'll make another copy of the 2-AC sheet and the notes.
=20
Peace,
Avery W3AVE
Potomac, Md.
=20
=20

------_=_NextPart_001_01C94766.7D3B1D39
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---            *
*     This post contains a forbidden message format       *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT    *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

------_=_NextPart_001_01C94766.7D3B1D39--

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Content-class: urn:content-classes:message
```

```
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----_=_NextPart_001_01C9476A.10A01EC1"
Subject: FS: manual copy, Hallicrafters TO keyer
Date: Sat, 15 Nov 2008 16:35:22 -0500
Message-ID: <5DB55C95EDBFFA4383CE672594D7E0D204A890E2@EXCHANGE.usn.root.ent>
From: "Comarow, Avery" <ACOMAROW@usnews.com>
To: Old Tube Radios <boatanchors@theporch.com>

This is a multi-part message in MIME format.

------_=_NextPart_001_01C9476A.10A01EC1
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Clean copy of the manual for the HA-1, the TO keyer's official name.
=20
$5 postpaid.
=20
Avery W3AVE

------_=_NextPart_001_01C9476A.10A01EC1
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---            *
*     This post contains a forbidden message format       *
*  (such as an attached file, a v-card, HTML formatting)  *
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* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

------_=_NextPart_001_01C9476A.10A01EC1--

------------------------------
Message-ID: <15179300.1226793170718.JavaMail.root@mswamui-
billy.atl.sa.earthlink.net>
Date: Sat, 15 Nov 2008 18:52:50 -0500 (EST)
From: Richard Dillman <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: MRHS Special Event 11/21-22
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit
```

The Maritime Radio Historical Society will activate coast station KPH from its pre-WWII home on November 21 and 22.

K6KPH will be active on 3.5Mc and 7Mc.

Normal KSM operations will be suspended on Saturday November 22.

-----

When RCA coast station KPH moved to Marin county north of the Golden Gate from its Hillcrest site south of San Francisco in Daly City, its receive site was co-located with the trans-Pacific point to point receive site in Marshall, CA.  This site, along with the transmitter site in Bolinas, CA, was build by the American Marconi Company in 1913.  The KPH operators keyed their MF transmitters in Bolinas via a wire line connection.

See http://www.radiomarine.org/historic-1.html for photos of the early days of KPH at Marshall.

This arrangement remained in effect until the opening days of WWII.  The logs for KPH for 7 December 1941 show entries like AIR RAID PEARL HARBOR THIS IS NO DRILL COMMENCE WAR PLAN 23 AGAINST JAPAN.  Soon after, KPH was closed for the duration of the war.  When the station opened again in 1946 its receiving site was relocated to the HF point to point receiving station on the Pt. Reyes peninsula where it remained until operations ended in 1997.  MRHS station KSM operates from this site today.

The Marconi Conference Center now occupies the original Marshall receive site. They have a strong appreciation for the historical significance of the site.  For the second time they have invited the Maritime Radio Historical Society (MRHS) to activate KPH from its pre-war home at Marshall.

See http://marconiconference.org/ for information about the Marconi Conference Center along with photos of the last time the MRHS activated the site.

Using a remote control console specially constructed by Transmitter Supervisor Steve Hawes and vintage receiving equipment, MRHS members will once again control the KPH transmitters via wire line from the Marshall site and listen for calls from ships and amateur stations.

To add to the fun, our very own Denice Stoops will be aboard Liberty ship SS JEREMIAH O'BRIEN/KXCH while Steve Hawes will be aboard Victory ship SS RED OAK VICTORY/KYVM, both in San Francisco Bay.  Denice and Steve will attempt to contact KPH on 500kc and 426kc.  As if that weren't enough Reese Jones, RO aboard MV MATSONIA/KHRC just advised via a call on 16Mc that he too may be active on MF. While daylight range for these transmissions may be short, this represents a unique opportunity to copy multiple stations on the MF band.  KXCH and KYVM plan to be active on both Friday and Saturday.

On Friday November 21 as many as 60 students from the local school will assemble in the former power house at the Marshall site for a slide show and lecture about the significance of the location and what went on there.  Then we will activate stations KPH and K6KPH.  Several of the students have composed radiograms which we plan to deliver via K6KPH through the National Traffic System.

Special request: if you are in a position to accept some of this traffic for onward relay we would love to hear from you!

On Saturday November 22 the site will be open to the general public so if you are in the area please stop by to visit.

-----

Operational information:

Frequencies - KPH will be on 426kc, 500kc, 4247.0kc and 6477.5kc.  Only one HF frequency will be in use at a time.  K6KPH will be on 3550kc and 7050kc.  Again, only one frequency will be in use at a time.  (Changing frequencies requires swapping out tone sets in the control console to key the appropriate transmitters.)

Times - Operating times will be somewhat variable, especially on Friday, due to the demands of other duties.  So we ask for the understanding of amateur stations who may call K6KPH and not receive an immediate answer.  Please try again a bit later if that happens to you.  In general we expect on the air operations be begin around noon on Friday.  On Saturday the schedule will be less demanding so operations may begin as early at 10am (all times Pacific Standard Time).

QSLs - As always reception reports and QSLs should be sent to the QSL Mistress at:

Denice Stoops
P.O. Box 381
Bolinas CA, 94924-0381
USA

We hope you have a chance to listen in or join in as part of this special event.  Please let us know what you hear.  Messages from listeners mean a lot to the MRHS.  We read every one since they let us know there are others out there for whom this project is as meaningful as it is to us.

If you are not already a member of the radiomarine list and would like to receive notices like this directly just send a message to:

radiomarine-subscribe@yahoogroups.com

VY 73,

RD

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Richard Dillman, W6AWO
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
http://www.radiomarine.org
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Message-ID: <12587609.1226865020612.JavaMail.root@elwamui-polski.atl.sa.earthlink.net>
Date: Sun, 16 Nov 2008 11:50:20 -0800 (GMT-08:00)
From: Richard Dillman <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RD on KWMR 11/19
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

I'll have the honor of being on "Epicenter" on community radio station KWMR in Pt. Reyes Station, CA, 5:30-6:30 pm PST on Wednesday, 19 November.  The topic will be the MRHS special event at the Marshall receive site on 21/22 November.

Those in the area may tune in at 90.5MHz in the Pt. Reyes area or 89.7MHz in the Bolinas area.

Listeners anywhere in the world can also "tune in" to KWMR on line at:

http://kwmr.org/listen_kwmr.html

Regards,

RD

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Richard Dillman, W6AWO
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
http://www.radiomarine.org
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Message-ID: <11526191CF7C4616BA6D69BF678F9030@boudreaux>

From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Bird Wattmeter Slug for Trade
Date: Mon, 17 Nov 2008 13:04:14 -0600
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

Bird Wattmeter Slug for Trade:
400-1000 MC  100 watts

Trade for 2-30 MC slug, any power level.

Thanks.

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Message-ID: <004b01c9491c$792a5860$020fa8c0@ken>
From: "Ken" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Someone needing a DPDT relay with 120 AC keying.
Date: Mon, 17 Nov 2008 17:24:58 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Someone needing that relay and I believe needs to be vacuum please repeat your message.
I inadvertently deleted it and I may have what you need.

Ken   N5CM

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I am using the free version of SPAMfighter.
We are a community of 5.6 million users fighting spam.
SPAMfighter has removed 1806 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

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Date: Tue, 18 Nov 2008 10:03:38 -0800 (PST)

From: John Sehring <wb0eq@yahoo.com>
Subject: Monster speaker cable
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Message-ID: <114167.63471.qm@web45613.mail.sp1.yahoo.com>

Oh, yes, this one continues to be "discussed".

SS audio amps are usually designed to be "voltage" sources, i.e. ideally having zero internal (source--don't confuse this with amp's "output impedance") impedance which could theoretically provide a constant source of voltage even with a load of zero ohms impedance (infinite current). The damping factor of an amp is its rated output impedance divided by its source impedance--typical numbers are 10's to 100's; D.F. varies with frequency. Negative feedback (less fashionable these days) can increase D.F.

Tube amps (with output xfrmrs) usually function as more of a *current* source. Ideally such a source will provide a constant source of current regardless of the impedance of the load, i.e. its source impedance is high and its damping factor thereby low.

Different kinds of loudspeakers will behave differently when driven by constant voltage & constant current amps. A few loudspeakers are said to be "optimized" for tube amp use.

Some loudspeakers will be more touchy (show more audible change) than others--in the bass and midrange region, depends on driver characteristics, enclosure type (system order, e.g. sealed box is 2nd order, single vent box is 4th order, bandpass box (e.g. combo of sealed chamber on back of driver & one vented chamber in front) is 6th order--yes, this is exactly analogous to electrical networks, i.e. order describes system's Q, and frequency and phase (transient) response.) and execution of it, and (passive) crossover design.

Most woofer & midrange drivers show a DC resistance of around 3-6 ohms. With an SS amp of damping factor 100, rated for its power @ 4 ohms, that means its source Z is 4/100 or 0.04 ohms. In series with that will be the Z of the connecting wire. The latter will interact with the source Z of the amp, the DC Z of the driver, & the crossover design.

That can produce changes in crossover/driver combo's frequency & phase response; it can also alter the system's Q factor. The real engineering part of this is to *quantify* these effects on loudspeaker performance _as perceived by the listener_.

So what do I use for speaker cable? 14-gauge solid wire (14-2 Romex with the bare safety wire ground removed). Yes, it's stiffly annoying, but stranded (not Litz) wire has its own set of subtle problems. Would I be happy with stranded?--yes.

To make a looong story short:  These effects are mostly quite subtle.  There is no doubt that each of us hears (ear part--is the physical part, we're stuck with what we've got) and perceives (brain part--is the software, can be trained to do a different/better job) differently.  So, "golden ears" is a state of perception as well as having wax-free ears!

Also, short term aural memory is notoriously fickle rendering even double-blind A-B comparisons difficult to execute meaningfully.

That all said, I just love it!  I so enjoy auditioning different loudspeakers.  I get 'em on loan from various commercial & private sources so I don't consider myself in the audiophool class 'cause I'm not throwin' money at 'em.  P.S. There's *not* an exact correlation between price & performance here--some relatively inexpensive stuff is outstanding, IMO.

My long-term observations are based on decades of hopefully "informed" listening: Good loudspeaker designs are converging (coming together) in their ability to reproduce sound accurately.  So I think there's much less difference among them than there used to be.  Of course that assumes that they're converging to some goal of *actual* sonic realism, which is itself very difficult to define!

Ham radio content:  Among other tests, I audition the loudspeakers I want to use with my ham receivers using a high quality audio amp & sources (CDs).  No, they won't reproduce music realistically (i.e. frequency extremes are missing) but I listen for clarity, accuracy, low distortion & transient (QRM, ya know, I don't want it to be worse than it already is) response in what is reproduced from them. You might be surprised at the differences I find.

In general, smooth frequency response implies good transient response; specifically, it's the LF & HF rolloff's (i.e. their slopes & -3 dB points) which strongly affect things.   And yes, the AF amplifier should be well-behaved as well for best results.

I favor larger speakers for ham radio use--yes, I know this goes against the grain; I let the AF response be taken care of electronically by IF & AF bandpass-shaping rather than acoustically in the receiver--that's easier & more accurate to do.  In practical terms, I mean using a 5-6", 6x9" or maybe 8" max. in an open-back box (semi-infinite baffle, or dipole), rather than a 3" driver.

The latter is far more about just frequency, transient and distortion response. The famous, late Richard Heyser (of Time Delay Spectrometry (sometimes called the Heyser Transform) fame) believed it to be a very-large-dimensioned (i.e. multivariate) problem.  I agree.

Sorry for the ramble...my fingers just ran away with the keyboard this morn!

--John WB0EQ/VE6

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End of BOATANCHORS Digest 4224
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